

REMARKS

The present application is a continuation of Application No. 09/418,866 (“parent application”). The present application includes claims 1-15. By this Preliminary Amendment, claims 1-15 have been canceled and claims 16-37 have been added.

The present claims recite systems and methods for dynamic beam width selection for non-uniform density multiple access cells. Specifically, the claims recite systems and methods for altering the size of a first communication cell based on bandwidth demand in various communication cells, including the first communication cell, at least one adjacent communication cell, or a subset of a plurality of communication cells adjacent to the first communication cell. Additionally, the claims recite several systems and methods for dynamically altering the size of a first communication cell based on any of several sources of bandwidth demand. In addition, the claims recite a system and method for altering the size of the first communication cell based on a priority level of a bandwidth request of a terminal.

The applicant respectfully requests entry and examination of the above claims.

Application No. 10/674,668
Attorney Docket No. 13819US02

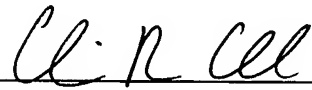
CONCLUSION

If the Examiner has any questions or the Applicant can be of any assistance, the Examiner is invited and encouraged to contact the Applicant at the number below.

The Commissioner is authorized to charge any necessary fees or credit any overpayment to the Deposit Account of McAndrews, Held & Malloy, Account No. 13-0017.

Respectfully submitted,

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